



FACT SHEET

Petroleum Remediation Program

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Site Name: Former Paragon Oil Terminal & Apollo Street Creek Parcels
DEC Site Nos.: S224083 and S224122
Address: 16, 42, and 50 Bridgewater Street and 100 and 120 Apollo Street, Brooklyn, NY 11222

Have questions?
See
"Who to Contact"
Below

Progress Meeting Announced for Petroleum Remediation Site

Tuesday, May 23, 2017

6:30 - 8:30 PM

P.S. 110 Monitor School, Auditorium

124 Monitor Street, Brooklyn, NY 11222

(Presentation and Q&A at 7:30 PM)

NYSDEC invites you to a meeting to provide an update on the ongoing remediation efforts underway at the Former Paragon Oil Company site and the Apollo Street Creek Parcels sites, which are a part of the Greenpoint Petroleum Remediation Project. NYSDEC staff will hold an availability session at 6:30 pm to answer project-related questions and comments. A brief presentation and Q & A session will take place from 7:30 - 8:30 pm. Additional information regarding the Site is included in the following pages.

SITE DETAILS

Ongoing Remediation

The Chevron/Texaco Corporation ("Chevron/Texaco") is undertaking remediation ("cleanup") and investigation efforts in accordance with the 2014 Record of Decision (ROD). The major elements of the ongoing cleanup include:

- Operation of 17 single phase product recovery wells.
- Recovery of petroleum product from non-extraction wells via periodic pumping, bailing, vacuum recovery, or other approved methods.
- Operation of a granular activated carbon groundwater treatment system that treats recovered groundwater and discharges to Newtown Creek.
- Operation of a sub-slab depressurization system to prevent the possibility of petroleum vapor migration into the buildings.
- Monitoring of indoor ambient air monitoring, recovery of free-product from indoor monitoring

wells, and monitoring of groundwater during semi-annual warehouse shutdown events.

- Use and maintenance of containment system and capping using existing physical barriers (grout wall, bulkhead improvements, bulkhead seam sealing, barrier membrane, boom system, concrete slabs, and asphalt cover).
- Ongoing characterization of the existing free product plume and the soil and groundwater contamination across the site.

Upcoming Remediation Improvements

Chevron/Texaco is in the process of expanding the current product recovery well network and adding vapor-phase recovery systems to improve recovery at existing product recovery wells. The existing treatment system is also being upgraded to include catalytic oxidation for vapor phase treatment.

SITE BACKGROUND

Locations

The Former Paragon Oil Terminal site (S224083) is located at property addressed 16, 42, and 50 Bridgewater Street, while the Apollo Street Creek Parcel site (S224122) is located at property addressed 100 and 120 Apollo Street. The sites are located north of Bridgewater Street and are adjacent to Newtown Creek to the north, Meeker Avenue to the east, and the Apollo Street site to the west.

Site Features, Current Zoning, and Land Use

The Former Paragon Oil Terminal site is approximately 11 acres in size. The site was operated as a terminal storing fuel oil (numbers 2, 4, and 6), lube oil, gasoline, diesel fuel, and kerosene prior to 1969 when Peerless Importers built a 7.5 acre warehouse on the property. The property is owned by Peerless Equities, LLC and leased to Empire Merchants for warehouse operations.

The Apollo Street Creek Parcels site is approximately 3 acres in size, with approximately 2.6 acres covered by warehouse. The parcels consists of three connected buildings, small areas of pavement, and a small area of vegetation along Newtown Creek zoned for industrial and commercial use (M3-1). The site is owned by Apollo Steel, LLC and Peerless Equities, LLC and leased to Empire Merchants for warehouse operations.

Land use in the vicinity of both sites is mixed industrial, commercial, and residential.

Past Use of the Sites

Beginning in 1886, two companies operated on the Former Paragon Oil Terminal property; the Locust Hill Refining Company and Greenpoint Oil Refining. Both of these companies ended operation by 1905. From 1905 to 1921, a portion of the property operated as a cement works company. By 1929, a portion of the property was being operated as a petroleum storage terminal by Supreme Oil, which later became known as the Petroleum

Terminal Corporation. The other portion of the property was privately owned until 1928 when it became the Brooklyn Ash Removal Company. By 1934, operations throughout the property were generally either run by or affiliated with the Paragon Oil Company, which operated the site as petroleum storage terminal. Paragon Oil was purchased by Texaco Oil, now known as the Chevron/Texaco Corporation, in 1958. The property was sold to Peerless Equities in 1968, and Empire Merchants now operates the property as a liquor distribution warehouse. According to a 2005 consent agreement with the NYSDEC, Texaco is responsible for delineation and remediation the portion of free product plume underlying the Former Paragon Oil Terminal, and controlling seepage of petroleum into Newtown Creek at this location.

The Apollo Street parcels have been bordered by numerous past petroleum operations including both refining and distribution, but there is no known history or evidence that petroleum refining or distribution operations ever existed on the property itself. Significant fill was added to the area in the late 1800's to fill tidal wetlands and create land. Brooklyn Ash Disposal likely operated at the site for a significant period in the 1900s.

Enforcement Status

Chevron/Texaco originally signed an Order on Consent Case No. D2-1111-01-05 that was finalized on September 20, 2005 that requires Texaco to investigate and address petroleum seepage at the Former Paragon Oil Terminal. The Order-on-Consent was revised on May 15, 2009 to include the adjacent Apollo Street Creek Parcels and require a comprehensive remedial plan for both sites. In June 2014, the NYSDEC issued the Record of Decision (ROD) that identified the proposed remedy for both sites.

This sites are part of the Greenpoint Petroleum Remediation Project. Additional details on the overall project and other sites in the project are available at <http://nysdecgreenpoint.com/>.

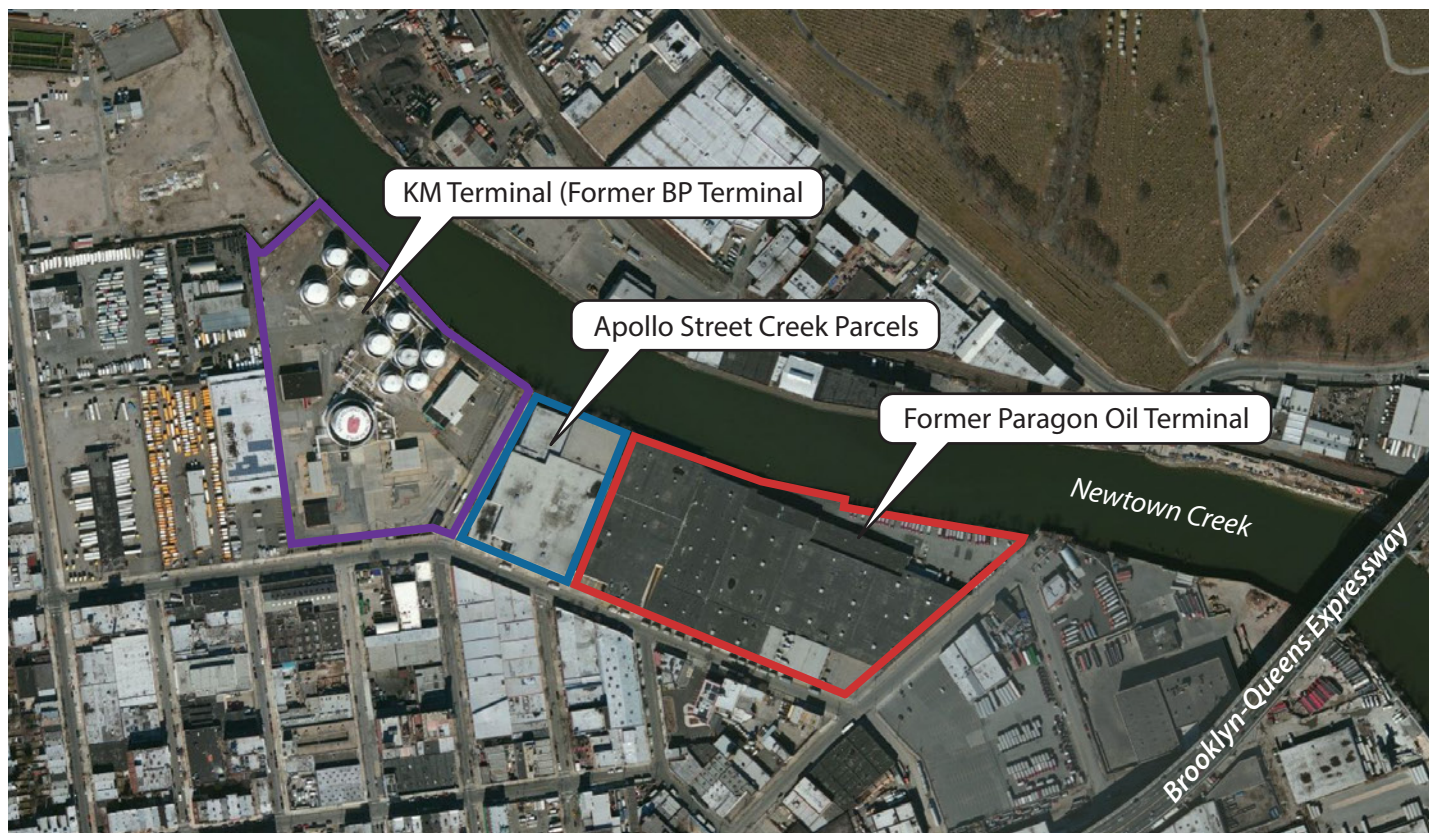


Receive Site Fact Sheets by Email

Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites email listservs available at the following web page:

<http://www.dec.ny.gov/chemical/61092.html>.

As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.



Former Paragon and Apollo Street Creek Site Locations

FOR MORE INFORMATION

Where to Find Information

Additional site details and information on nearby sites, including environmental and health assessment summaries, can be accessed on NYSDEC's website at: <http://www.dec.ny.gov/cfm/xtapps/derexternal/index.cfm?pageid=3>

Project documents are also available on the NYSDEC website at: <http://nysdecgreenpoint.com/>

Additional documents are available for all sites in the Greenpoint Petroleum Project at the following location(s) to help the public stay informed.

Brooklyn Public Library
10 Grand Army Plaza
Brooklyn, NY 11238
(718) 230-2762

NYSDEC Central Office
Attn: Zachary Russo
625 Broadway
Albany, NY 12233-7017
(518) 402-9813

**Newtown Creek
Monitoring Committee**
329 Greenpoint Avenue
Brooklyn, NY 11222
(718) 349-0150

Greenpoint Public Library
107 Norman Avenue
Brooklyn, NY 11222
(718) 349-8504

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
625 BROADWAY
ALBANY, NY 12233-7017

WHO TO CONTACT:

Comments and questions are always welcome and should be directed as follows:

Project Related Questions:

Zachary Russo

New York State Department of Environmental Conservation

Division of Environmental Remediation

625 Broadway

Albany, NY 12233

518-402-9813

Zachary.Russo@dec.ny.gov

Site-Related Health Questions:

Dawn Hettrick

New York State Department of Health

Bureau of Environmental Exposure Investigation

Corning Tower, Room 1787

Albany, NY 12237

518-402-7860

BEEI@health.ny.gov



We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

Prosimy o kontakt z Zachary Russo, NYSDEC, na Zachary.Russo@dec.ny.gov jeżeli chcesz otrzymać ten dokument w języku polskim.

Por favor póngase en contacto con Zachary Russo, NYSDEC, en Zachary.Russo@dec.ny.gov si usted desea recibir este documento en español